

# DM0424&DM0408

## Multi-Purpose low Speed Centrifuge

### Features

- Quiet, compact, and convenient with LCD display
- Maximum up to 4000rpm Speed can be set in RPM/RCF, with 3 customizable routine programs (Blood, Urine & Faecal)
- 3 acceleration level & 4 level deceleration
- Maximum capacity 50mL × 4, Accommodating different sizes of blood collection tubes and centrifuge tubes suitable for swing out rotor and angle rotor
- Automatic internal diagnosis and self-detection
- Maintenance-free brushless DC motor



### Applications

Multi-purpose low speed centrifuge are versatile and can be used in applications from clinical to biochemical for qualitative analysis of serum, plasma, blood, and urine.

Specifications	DM0424	DM0408
Speed range	500-4000rpm increment: 100rpm	300-4000rpm increment: 100rpm
Max. RCF	2500 × g	1900 × g
Speed accuracy	±100rpm	±100rpm
Rotor	Swing6 × 15mL Swing4 × 50mL Angle 24 × 15mL, Angle 12 × 10mL/8 × 15mL	Angle 8 × 15mL(Default), Angle 12 × 10mL
Run time	1-99min, HOLD	1-99min, HOLD
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LED
Program	Blood: 3200rpm, 10min. Urine: 1800rpm, 5min. Faecal: 1300rpm, 10min.	Blood: 3200rpm, 10min Urine: 1800rpm, 5min Faecal: 1300rpm, 10min
Safety Device	Automatic internal diagnosis	Automatic internal diagnosis
Acceleration/deceleration	3 ↑ 4 ↓ steps	25s ↑ 35s ↓
Power Requirements	Single phase, 100-240V, 50Hz/60Hz, 110W	Single phase, 100-240V, 50Hz/60Hz, 85W
Dimension(W × D × H)	364 × 440 × 268mm	286 × 367 × 227mm
Weight	14.5kg	9.2kg
Noise Level	≤ 62dB(A)	≤ 60dB(A)

## Available rotors

**S6-15**
**Cat. No.19400082**
**for DM0424**

Max. speed: 4000rpm  
 Rotor capacity: 15mL×6  
 Rotor material: Aluminum alloy  
 Default adaptor: A15P22, A5P17


**A12-10P**
**Cat.No.19400068**
**for DM0424/DM0408  
 DM0412**

Max.speed : 4000rpm  
 Rotor capacity: 8×15mL or 12×10mL  
 Rotor material: High strength plastic


**S4-50**
**Cat. No.19400100**
**for DM0424**

Max. Speed: 4000rpm  
 Rotor capacity: 50mL×4  
 Rotor material: Aluminum alloy  
 Default adaptor: A15P30, A5P17



## Available adapters

**A15P30**
**Cat. No.19500024**

50mL change 15mL adapter,  
 Adapted to 17×120mm centrifuge  
 tube, 13/16×100mm blood  
 collection tube 4pcs/pk, for S4-50


**A24-15P**
**Cat. No.19400101**
**for DM0424**

Max. speed: 4000rpm  
 Rotor capacity: 15mL×24  
 Rotor material: High strength plastic  
 Default adaptor: A15P22, A5P17


**A15P22**
**Cat. No.19500021**

15mL adapter for 17×120mm  
 centrifuge tube, 13/16×100mm  
 blood collection tube 24 pcs/pk,  
 for S6-15, A24-15P, A8-15P


**A5P17**
**Cat. No.19500022**

5mL adapter, Adapted to 13×75mm  
 blood collection tube 24 pcs/pk,  
 for S4-50, S6-15, A24-15P


**A8-15P**
**Cat. No.19400084**
**for DM0424/DM0408**

Max. Speed: 4000rpm  
 Rotor capacity:15mL×8  
 Rotor material: High strength plastic  
 Default adaptor: A15P22


**A2P17(Optional)**
**Cat. No.19500023**

1.5/2mL Cryogenic Vials/ centrifuge  
 tube adapter, 24 pcs/pk, for S4-50,  
 S6-15, A24-15P, A12-10P, A6-50P

